



COMMEMORATIVE
AIR FORCE

OLD DOMINION SQUADRON



•**WHEN**

Saturday, April 26, 2014
(Weather Permitting)

•**WHERE**

CAF Old Dominion Squadron
Hangar
Franklin Municipal Airport (FKN)
Franklin, Virginia

•**EVENT SCHEDULE**

Pancake Breakfast

8:30-10:30 AM

Wayne Hicks/NASA

Presentation

10:30 –11:30 AM

Hot Dog Lunch

12:00 Noon-2:00 PM

The cost per person per meal
is a \$7.00 donation

All times approximate

ODS Point of Contact:

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CAF Old Dominion Squadron
and
EAA Chapter 339's

Spring Fling Fly-In

Featuring A Presentation by
Wayne Hicks, NASA Flight Test Engineer

Building and Flying a Flight Test Vehicle to Test and Validate the Orion Launch Abort System

NASA's new *Orion* spacecraft includes a Launch Abort System that will save the Crew Module and its astronauts in the event of an emergency with the launch vehicle. The Launch Abort System was successfully tested for the first time during the Pad Abort 1 Flight Test conducted on May 6, 2010 at the White Sands Missile Range in New Mexico.

Wayne Hicks presents a 45-minute briefing on the Launch Abort System and discusses how the full-scale Flight Test Vehicle was assembled, integrated, and tested.



Wayne Hicks

Mr. Hicks is a flight test engineer at NASA. He is currently assigned to the team that is flight-testing the



launch abort system for the new *Orion* spacecraft. He plans the flight tests and writes the planning manuals for how to assemble and test the flight test vehicles. Previous assignments included training astronauts and flight controllers, serving as a flight controller on five Space Shuttle missions, and testing the X-43A "Hyper-X" mach 10 scramjet aircraft. He has his private pilot license and is currently building a Cozy Mark IV canard airplane.